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the more left side of the figure a color is nearer green, and the more right side of the figure a color is nearer blue. In the upper portion of Fig. 9, there is shown a character string 85 such as "Following colors change from green to blue. Which do you see green from?". In response to this question, a user clicks any one selected among the five color charts 80, 81, 82, 83 and 84. This click is equivalent to the matter that as color names of the respective color charts at the left side from the clicked color chart, green is entered and as color names of color charts excepting the former color charts, blue is entered.--

IN THE CLAIMS:

Please AMEND the following claims:

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1. (AS ONCE AMENDED) A display characteristics recognition apparatus comprising:
- a signal output unit connected to a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit, said signal output unit outputting a color chart signal representative of a monochrome figure to said display unit;
 - a color name input unit entering a name of a color displayed on said display unit in accordance with the color chart signal outputted from said signal output unit; and
 - a display characteristics identification unit determining display characteristics of said display unit in accordance with the color chart signal outputted from said signal output unit and the name of the color entered through said color name input unit.
2. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said display characteristics identification unit determines, as the display characteristics, a relationship between a signal representative of a white image and a color of an image displayed on said display unit in accordance with the signal.
3. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 2, wherein said display unit is selectively set up to anyone of a plurality of display characteristics, and
- said display characteristics identification unit determines display characteristics to which
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said display unit is now set up.

4. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said display unit is a display in which an image is displayed through emission of light, and

said display characteristics identification unit determines, as the display characteristics, luminance of said display.

5. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said signal output unit outputs such a color chart signal that a color of an adjacent area as to colors adjacent to one another on a chromaticity diagram of a plurality of colors perceived as mutually different colors in name is displayed in chromaticity according to display characteristics.

6. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said color name input unit enters a name of a color selected from among a plurality of colors perceived as mutually different colors in name.

7. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said signal output unit outputs a plurality of color chart signals each representative of a monochrome figure to said display unit;

said color name input unit enters a name of a color of each of a plurality of monochrome figures; and

said display characteristics identification unit determines display characteristics of said display unit in accordance with the plurality of color chart signals outputted from said signal output unit and the plurality of names of the color entered through said color name input unit.

8. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 7, wherein said signal output unit outputs one of the plurality of color chart signals, and thereafter outputs, of the plurality of color chart signals, a color chart signal according to the name entered through said color name input unit to said display unit.

9. (AS ONCE AMENDED) A display characteristics recognition apparatus

according to claim 1, wherein said signal output unit outputs the color chart signal to said display unit, and in addition outputs to said display unit a signal causing black to be displayed around the monochrome figure displayed on said display unit according to the color chart signal.

10. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said signal output unit outputs the color chart signal to said display unit, and in addition outputs to said display unit a signal causing gray to be displayed around the monochrome figure displayed on said display unit according to the color chart signal and further causing black to be displayed around the gray.

11. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said signal output unit outputs a series of color chart signals such that a series of colors in adjacent areas for two sorts of colors adjacent to one another on a chromaticity diagram are displayed, and
said color name input unit selects a color corresponding to a boundary of the two sorts of colors from among the displayed series of colors.

12. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said display characteristics recognition apparatus further comprises a profile producing unit for generating data representative, of display characteristics determined by said display characteristics identification unit in a predetermined format to produce a profile representative of characteristics as to display of an image by said display unit ~~including the data.~~

13. (AS ONCE AMENDED) A display characteristics recognition apparatus according to claim 1, wherein said display characteristics recognition apparatus further comprises:

a profile storage unit storing various sorts of profiles each representative of characteristics as to display of an image by a display unit including data indicative of various display characteristics in a common format; and

a profile selection unit selecting one profile from among the various sorts of profiles stored in said profile storage unit in accordance with the display characteristics determined by

said display characteristics identification unit.

14. (AS ONCE AMENDED) A display characteristics recognition program storage medium storing a display characteristics recognition program comprising:

a signal output unit outputting to a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit, said signal output unit outputting a color chart signal representative of a monochrome figure to said display unit;

a color name input unit entering a name of a color displayed on said display unit in accordance with the color chart signal outputted from said signal output unit; and

a display characteristics identification unit determining display characteristics of said display unit in accordance with the color chart signal outputted from said signal output unit and the name of the color entered through said color name input unit.

15. (AS ONCE AMENDED) A computer system comprising:

a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit;

a main frame unit for outputting to said display unit a color chart signal representative of a monochrome figure and color name signals, which are representative of a plurality of color names, respectively; and

an input unit for entering a color name selected from among said plurality of color names to said main frame unit in accordance with an operation,

wherein said main frame unit determines display characteristics of said display unit in accordance with the color chart signal outputted toward said display unit and the color name entered through said input unit.

16. (AS ONCE AMENDED) A computer system comprising:

a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit;

a main frame unit for outputting to said display unit a series of color chart signals such that a series of colors in adjacent areas for two sorts of colors adjacent to one another on a

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chromaticity diagram are displayed; and

an input unit for entering a color corresponding to a boundary of the two sorts of colors, which is selected from among the series of colors displayed on said display unit, to said main frame unit in accordance with an operation,

wherein said main frame unit determines display characteristics of said display unit in accordance with the color chart signal outputted toward said display unit and the color entered through said input unit.

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18. (AS ONCE AMENDED) A computer system comprising:

a display unit for displaying an image according to a signal entered, said display unit displaying on a luminous display basis the image with a color according to both the signal and display characteristics of said display unit;

a main frame unit for outputting to said display unit color chart signals representative of a plurality of monochrome figures associated with mutually different luminance of said display unit, each of the plurality of monochrome figures being displayed with a color of a specified color name under an associated luminance; and

an input unit for selectively entering a monochrome figure displayed with a color of the specified color name of the plurality of monochrome figures displayed on said display unit, to said main frame unit in accordance with an operation,

wherein said main frame unit determines luminance of said display unit in accordance with the color chart signal outputted toward said display unit and the monochrome figure entered through said input unit.

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20. (AS ONCE AMENDED) A display characteristics adjusting apparatus for adjusting display characteristics of a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit, said display characteristics adjusting apparatus comprising:

a signal output unit outputting to said display unit such a color chart signal that a color belonging to an adjacent area as to colors adjacent to one another on a chromaticity diagram of a plurality of colors perceived as mutually different colors in name is displayed on said display unit in accordance with display characteristics of said display unit.

21. (AS ONCE AMENDED) A display characteristics adjusting program storage medium storing a display characteristics adjusting program incorporated into a computer system, said display characteristics adjusting program causing said computer system to operate a display characteristics adjusting apparatus for adjusting display characteristics of a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit, said display characteristics adjusting program comprising:

a signal output unit outputting to said display unit such a color chart signal that a color belonging to an adjacent area as to colors adjacent to one another on a chromaticity diagram of a plurality of colors perceived as mutually different colors in name is displayed on said display unit in accordance with display characteristics of said display unit.

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22. (AS ONCE AMENDED) A computer system comprising:
a display unit for displaying an image according to a signal entered, said display unit displaying the image with a color according to both the signal and display characteristics of said display unit;
an adjusting unit adjusting display characteristics of said display unit in accordance with an operation; and
a main frame unit for outputting to said display unit such a color chart signal that a color belonging to an adjacent area as to colors adjacent to one another on a chromaticity diagram of a plurality of colors perceived as mutually different colors in name is displayed on said display unit in accordance with display characteristics of said display unit.

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23. (AS NEW) A display characteristics recognition apparatus comprising:
means for displaying an image on a display unit with a color determined by both an input signal and display characteristics of the display unit, and displaying a color chart signal;
means for inputting a name of a color displayed in accordance with the color chart signal; and
means for determining display characteristics of said display unit in accordance with the color chart signal and the name of the color input.

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24. (AS NEW) A method, comprising:

displaying an image on a display unit with a color determined by both an input signal and display characteristics of the display unit, and displaying a color chart signal; inputting a name of a color displayed in accordance with the color chart signal; and determining display characteristics of said display unit in accordance with the color chart signal and the name of the color input.

25. (AS NEW) A computer readable storage, controlling a computer by,

displaying an image on a display unit with a color determined by both an input signal and display characteristics of the display unit, and displaying a color chart signal; inputting a name of a color displayed in accordance with the color chart signal; and determining display characteristics of said display unit in accordance with the color chart signal and the name of the color input.

26. (AS NEW) An apparatus, comprising:

a display unit displaying an image on a display unit with a color determined by both an input signal and display characteristics of the display unit, and displaying a color chart signal; an input unit inputting a name of a color displayed in accordance with the color chart signal; and a determining unit determining display characteristics of said display unit in accordance with the color chart signal and the name of the color input.

REMARKS

I. STATUS OF THE CLAIMS

Claims 1-22 were previously pending.

Claims 1-4, 6-8, 12-15, and 18 are rejected under 35 U.S.C. § 102. Claims 9 and 10 are rejected under 35 U.S.C. § 103. Claims 5, 11, 16, and 19-22 are rejected under 35 U.S.C. § 112(2). Claim 17 is indicated as objected to as being dependent upon a rejected base claim, but allowable if rewritten in independent form.

It is assumed that claims 5, 11, 16, and 19-22 are allowable but for their 35 U.S.C. § 112